

THE BUTTERFLIES OF THE NILGIRI DISTRICT.

BY

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In his enumeration of local lists of butterflies, Evans (*Identification of Indian Butterflies*, 2nd edition) mentions Sir George Hampson's list published in the *Journal of the Royal Asiatic Society*, 1888. I venture in the subjoined list to revise his list, both by giving the names as in Evans and by adding butterflies taken subsequently. Brigadier Evans has been good enough to let me see his copy of Hampson's list, with additions made by Stokes Roberts in manuscript. I have also been able to consult Col. Winckworth's list, verified by specimens in his collection. Hampson's excellent description of the area requires no modification. Lastly both Brigadier Evans and Mr. Gabriel of the Entomological Department, British Museum, kindly helped me to verify the fact that certain species have been found in the Nilgiris. These I have specially noted in the following list.

The Nilgiris are popular with collectors, both schoolboy and adult. I thought therefore it might be of service to both classes of collectors to give them a revised list.

I should add that Brigadier Evans thinks that one or two changes will have to be made in nomenclature. He has kindly permitted me to include some of his latest conclusions: notably under *Padraona*, where *Padraona pseudomaesa pseudomaesa* M. replaces *Padraona cato* Evans, and *Padraona pallida pallida* Evans replaces *Padraona pseudomaesa pseudomaesa* M. The *Baoris* group will eventually be split up, I understand; but meanwhile one may note that the form described as *B. mathias* var. *agna* M. (D. S. F.) is now definitely considered as a species.

I have rearranged Hampson's list to make it tally with Evans'. The numbers in brackets are Hampson's original numbers. Where no number occurs the inclusion of a species is due to Stokes Roberts or to Winckworth, or to its being in the British Museum collection.

A. PAPILIONIDAE.

- A1.
(193) 1b. ***Troides helena minus*** Or.
- A2.
(197) 8b. ***Tros jophon pandiyana*** M.
(198) 9. ***Tros hector*** L.
(199) 10b. ***Tros aristolochiae aristolochiae*** F.
- A3.
(195) 5b. ***Chilasa clytia clytia*** L.
(194) 5b. ***Chilasa clytia var. dissimilis*** L.
- A4.
(206) 1b. ***Papilio polymnestor polymnestor*** Cr.
(205) 10a. ***Papilio paris tamilana*** M.

- (203) 13. **Papilio crino** F.
 (294) 14. **Papilio buddha** Wd.
 (196) 16. **Papilio dravidarum** Wm.
 (202) 19b. **Papilio helenus daksha** M.
 (201) 25a. **Papilio polytes romulus** G.
 'The three forms of the female occur.' (Hampson)
 (212) 26a. **Papilio demolion liomedon** M.
 (200) 27a. **Papilio demoleus demoleus** L.
- A5.
 (207) 4a. **Pathysa nomius nomius** Esp.
- A6.
 (208) 2a. **Zetides sarpedon tereдон** Fd.
 (210) 3b. **Zetides doson eleius** Fr.
 (211) 8a. **Zetides agamemnon menides** Fruh.
- (Note.—I can find no record of *Pathysa antiphates naira* M. as from the Nilgiris.)
- B. PIERIDAE.
- B1.
 (157) a. **Leptosia nina nina** F.
- B4.
 (184) 10a. **Pieris canidia canis** Evans.
- B6.
 (192) 3. **Delias eucharis** Drury.
- B7.
 2. **Prioneris sita** Fd. (B. M., Crowley).
- B8.
 (188) b. **Belenois mesentina mesentina** Cr.
- B9.
 (185, 186) 2a. **Huphina nerissa evagete** Cr.
 (187) 3b. **Huphina nadina remba** M.
- B10.
 (176) 3b. **Appias indra shiva** Swin.
 (183) 4a. **Appias libythea libythea** F.
 (182) 5b. **Appias lyncida latifasciata** M.
 6b. **Appias albina darada** Fd. (Winckworth) ♀ *var. semiflava* (Winckworth).
 (177-181) 7b. **Appias paulina wardi** M.
- B11.
 (162) 1. **Catopsilia crocale** Cr.
 (161) 2. **Catopsilia pomona** F.
 ♀ *var. catilla* Cr.
 (164) 4. **Catopsilia pyranthe minna** Herbst.
 (163) 5. **Catopsilia florella gnoma** F.
- B15.
 (159) 1. **Terias drona**. Hors. (*T. libythea* F., in Evans' list).
 (160) 2a. **Terias laeta laeta** Bdv.
 (158) 4a. **Terias blanda silhetana** Wall.
 (158) 5a. **Terias hecabe simulata** M.
 5a. **Terias andersoni ormistoni** Watkins (B. M., Moore, Watson, Broughton).
- B16.
 (175) 5a. **Colias hyale nilagiriensis** Fd.
- B17.
 (167, 168) 1. **Ixias marianne** Cr.
 (165, 166) 2b. **Ixias pyrene frequens** But.

B18.

- (173) 1a. *Colotis amata modesta* But.
 (174) 4a. *Colotis fausta fulvia* Wall.
 (171) 5b. *Colotis etrida etrida* Bdv.
 (170) 6. *Colotis aurora* Cr. (= *C. eucharis*, F., in Evans' list).
 (172) 7a. *Colotis danae danae* F.

B19.

- (169) b. *Hebomoia glaucippe australis* But.

B20.

- (189, 190) 2a. *Pareronia ceylanica ceylanica* Fd.
 (191) 3. *Pareronia valeria hippia* F.

C. DANAIDÆ.

C1.

- (1) 1b. *Hestia lynceus malabarica* M.

C2.

- (6) 1a. *Danaïs aglea aglea* Cr.
 (7) 7. *Danaïs nilgiriensis* M.
 (2) 9. *Danaïs limniace mutina* Fruh.
 (3) 10b. *Danaïs melissa dravidarum* Fruh.
 (5) 12. *Danaïs plexippus* L.
 (4) 15. *Danaïs chrysippus* L. var. *alcippoides* M.

C3.

- (9) 7b. *Euploea core core* Cr.
 (10) 12b. *Euploea coreta coreta* God.
 (8) 18b. *Euploea crassa kollari* Fd.

D. SATYRIDÆ.

D2.

- (11) 3a. *Mycalesis anaxias anaxias* Hew.
 (18) 9a. *Mycalesis perseus typhius* Fruh.
 (14) 10a. *Mycalesis mineus polydecta* Cr.
 11. *Mycalesis igilia* Fruh. (Winckworth).
 (14) 12a. *Mycalesis visala visala* M.
 15. *Mycalesis khasia orcha* Evans.
 (15) 20. *Mycalesis adolpheï* Guer.
 14. *Mycalesis subdita* M. (Winckworth).
 (16) 32b. *Mycalesis patnia junonia* But.

D3.

- (17) 21a. *Lethe europa ragalva* Fruh.
 (19) 22a. *Lethe rohria nilgiriensis* Guer.
 (18) 23b. *Lethe drypetis todara* M.

D14.

- (22) 6. *Ypthima asterope mahratta* M.
 (25) 9. *Ypthima chenui* Guer.
 (23) 11a. *Ypthima hubneri hubneri* Kirby.
 (24) 10. *Ypthima ceylonica* Hew.
 (21) 13b. *Ypthima avanta striata* Hamp.
 14a. *Ypthima baldus madrasa* Evans.
 (26) 14a. *Ypthima philomela tabella* Mar. and DeN.

D15.

- (27) 1. *Zipoetis satis* Hew.

D16.

- (12) a. *Orsotrioena medus mandata* M.

D22.

- (30) 1. *Melanitis leda ismene* Cr.
 (28, 29) 2b. *Melanitis phedima varaha* M.
 (31) 3a. *Melanitis zitenius gokala* M.

D25.

- (32) 1b.
- Elymnias hypermnestra caudata*
- But.

E. AMATHUSIIDAE.

E10.

- (33) 3b.
- Discophora lepida lepida*
- M.

P. NYMPHALIDAE.

F1.

- (83) 2b.
- Charaxes polyxena imna*
- But.

- (82) 7b.
- Charaxes fabius fabius*
- F.

F2.

- (18) 2a.
- Eriboea athamas agrarius*
- Swin.

F7.

- (44) 8b.
- Apatura parisatis atacinus*
- Fruh.

F10.

- (39) 1a.
- Euripus consimilis meridionalis*
- WM.

F18.

- (73) 3a.
- Euthalia lepidea miyana*
- Fruh.

- (74) 14b.
- Euthalia garuda meridionalis*
- Fruh.

- (75) 17b.
- Euthalia lubentina arasada*
- Fruh.

- (72) 27b.
- Euthalia evelina laudabilis*
- Swin.

- (71) 28.
- Euthalia nais*
- Forst.

F20.

- (65) b.
- Parthenos sylvia virens*
- M.

F24.

- (66) 7b.
- Limenitis procris undifragus*
- Fruh.

F25.

- (70) 2a.
- Pantoporia nefte inara*
- Db.

- (69) 4a.
- Pantoporia selenophora kanara*
- Evans.

- (68) 10a.
- Pantoporia ranga karwara*
- Fruh.

- (67) 14.
- Pantoporia perius*
- L.

F26.

- (57) 1a.
- Neptis columella nilgirica*
- M.

- (58) 2b.
- Neptis jumbah jumbah*
- M.

- (53, 54) 6a.
- Neptis hylas varmona*
- M.

- (55) 7a.
- Neptis soma kallaura*
- M.

- (56) 8a.
- Neptis nandiua hampsoni*
- M.

- (52) 26a.
- Neptis viraja kanara*
- Evans.

- (51) 32b.
- Neptis hordonia hordonia*
- Stoll.

F27.

- (79) 4a.
- Cyrestis thyodamas indica*
- Evans.

F30.

- (63) 1.
- Hypolimnas misippus*
- L.

♀ *var. alcippoides* But.♀ *var. inaria* Cr.

- (62) 2.
- Hypolimnas bolina*
- L.

F33.

- b.
- Doleschallia bisaltide malabarica*
- Fruh. (Stokes Roberts).

F34.

- (80) 1b.
- Kallima phitarachus horsfieldii*
- Koll.

F35.

- (49) 1a.
- Precis hierta hierta*
- F.

- (50) 2a.
- Precis orithyia swinhœi*
- But.

- (48) 3a.
- Precis lemonias vaisya*
- Fruh.

- (46) 4a.
- Precis almana almana*
- L.

- (47) 5. *Precis atlites* L.
 (45) 6a. *Precis iphita pluvialis* Fruh.
- F36.
 (76) 1. *Vanessa cardui* L.
 (77) 3a. *Vanessa indica pholae* Fruh.
 (78) 4b. *Vanessa canace viridis* Evans.
- F39.
 (64) 1g. *Argynnis hyperbius hybrida* Evans.
- F41.
 (40) b. *Cupha erymanthis maja* Fruh.
- F42.
 (41) 1. *Atella phalanta* Drury,
- F44.
 (43) b. *Cynthia erota saloma* Swin.
- F45.
 (59, 60, 61) 4b. *Cirrochroa thais thais* F.
- F47.
 (42) 2b. *Cethosia nietneri mahratta* M.
- F.48.
 (38) *Byblia ilithyia* Drury.
- F49.
 (37) 1b. *Ergolis ariadne indica* M.
 (35, 36) 2b. *Ergolis merione merlone* Cr.
- F52.
 (34) *Telchinia violae* Fab.

H. ERYCINIDAE.

- G1.
 (85) 2a. *Libythea lepita lepitoides* M.
 (81) 3b. *Libythea myrrha carma* Fruh.
- G4.
 (86) 5b. *Abisara echerius suffusa* M.

H. LYCAENIDAE.

- H8.
 (87) a. *Spalgis epius* Wd.
- H10.
 (123) a. *Talicada nyseus nyseus* Guer.
- H11.
 (106) 1a. *Castalius rosimon rosimon* F.
 (105) 2b. *Castalius caleta decidia* Hew.
 (107) 3a. *Castalius ethion ethion* Db. and Hew.
- H12.
 (108) 1. *Tarucus ananda* DeN.
 (104) 9. *Tarucus nara* Koll.
- H13.
 (103) *Syntarucus plinius* F.
- H14.
 (101) 1. *Azanus ubaldus* Cr.
 (102) 4. *Azanus jesous gamra* Led.
- H17.
 (88) *Neopithecops zalmora* But.
- H18.
 (109) 5a. *Everes parrhasius parrhasius* F.

- H20.
(89) *a.* **Megisba malaya thwaitesi** M.
- H21.
(91) *2b.* **Lycaenopsis puspa gisca** Fruh.
(91) *2.* **Lycaenopsis lilacea** Hamp.
(92) *10.* **Lycaenopsis albidisca** M.
(94) *14.* **Lycaenopsis akasa mavisa** Fruh.
(93) *19b.* **Lycaenopsis lavendularis limbata** M.
- H23.
(95, 96) *a.* **Chilades laius laius** Cr.
- H24.
(97) *1a.* **Zizeeria trochilus putli** Koll.
(100) *3a.* **Zizeeria maha ossa** Swin.
4. **Zizeeria lysimon** Hub. (Stokes Roberts).
(98) *5.* **Zizeeria gaika** Trimen.
(99) *6a.* **Zizeeria otis discreta** But.
- H25.
(119) *1.* **Euchrysops cnejus** F.
2b. **Euchrysops contracta contracta** But. (B.M.).
3a. **Euchrysops pandava pandava** Hors. (Stokes Roberts).
- H26.
(111) *2a.* **Lycaenesthes lycaenina lycaenina** Wd.
- H27.
(118) *1.* **Catachrysops strabo** F.
- H28.
(120) **Lampides boeticus** L.
- H29.
(110) *1a.* **Jamides bochus bochus** Cr.
(121) *5b.* **Jamides celeno celeno** Cr.
(122) *9b.* **Jamides alecto eurysaces** Fruh.
- H32.
(118) *3a.* **Nacaduba hermus nabo** Fruh.
(114) *7a.* **Nacaduba helicon viola** M.
(112) *8b.* **Nacaduba kurava euplea** Fruh.
9b. **Nacaduba beroe gythion** Fruh. (B. M., Watson and Moore).
(115) *15a.* **Nacaduba nora nora** Fd.
(115) *16a.* **Nacaduba dubiosa indica** Evans.
(117) *17b.* **Nacaduba noreia hampsoni** DeN.
(117) *19.* **Nacaduba dana** DeN.
- H44.
(90) *1.* **Curetis thetis** Drury.
6. **Curetis acuta dentata** M. (Stokes Roberts).
- H45.
(129) *1b.* **Iraota timoleon arsaces** Fruh.
- H46.
(155) *1b.* **Horsfieldia anita dina** Fruh.
- H47.
a. **Thaduka multicaudata kanara** Evans (Stokes Roberts).
- H49.
(156) *33.* **Amblypodia canaraica** M.
39a. **Amblypodia amantes amantes** Hew. (Stokes Roberts).
- H50.
(154) *1b.* **Surendra quercetorum biplagiata** But. (= *S. todara* of Hampson).
(138) *4a.* **Surendra todara todara** M. (= *Rapala distorta* of Hampson).
- H53.
(151, 152) *b.* **Loxura atymnus atymnus** Cr.

H57.

- (139) 1b. *Spindasis vulcanus vulcanus* F.
 2. *Spindasis schistacea* M. (Winckworth).
 (144) 4. *Spindasis abnormis* M.
 6b. *Spindasis ictis ictis* Hew. (B. M., Moore, etc.).
 (141) 7b. *Spindasis elima elima* M.
 (142) 13a. *Spindasis lohita lazularia* M.

H58.

- (132) *Zesius chrysomallus* Hub.

H59.

- 4a. *Pratapa blanka sudica* Evans. (Stokes Roberts).
 (145) 8. *Pratapa cleobis* God.

H60.

- (147) 8. *Tajuria melastigma* De.N
 18. *Tajuria jehana* M. (Winckworth).
 (146) 19. *Tajuria cippus cippus* F.
 23. *Tajuria maculata* Hew. (Stokes Roberts, in DeNiceville collection).

H61.

- (127) 1a. *Charana jalindra macarita* Fr.

H70.

- (148) b. *Cheritra freja jaffra* But.

H76.

- (128) *Rathinda amor* F.

H77.

- (125) 1a. *Horaga onyx cingalensis* M.
 (126) 4. *Horaga viola* M.

H78.

- (124) 1a. *Catapoecilma elegans myosotina* Fruh.

H80.

- (149) 1. *Hypolycaena nilgirica* M.

H81.

- (150) *Zeltus etolus* F.

H83.

- (130) 1a. *Deudoryx epijarbas epijarbas* M.

H84.

- (134) 1. *Virachola isocrates* F.
 (135) 2a. *Virachola perse ghela* Fruh.

H85.

- (131) 6. *Rapala lankana* M.
 (136) 11a. *Rapala varuna lazulina* M.
 (137) 12. *Rapala schistacea* M.
 (133) 16. *Rapala metampus* Cr.

H87.

- (153) a. *Bindahara phocides moorei* Fruh.

I. HESPERIIDAE.

11.

- 7b. *Hasora badra badra* M. (B. M., Moore).
 (217) 15a. *Hasora taminatus taminatus* Hub.
 (218) 16. *Hasora alexis alexis* F.

12.

- (216) 8a. *Ismene ajina fergusonii* DeN.
 (215) 17a. *Ismene gomata kanara* Evans.

13.

- (219) a. *Bibasis sena sena* M.

- I4.
(214) 4a. **Choaspes benjaminii benjaminii** Guer.
- I5.
(213) **Badamia exclamationis** Fab.
- I11.
(263) 3. **Celaenorrhinus ambareesa** M.
(260) 16b. **Celaenorrhinus leucocera leucocera** Koll.
(261) 20a. **Celaenorrhinus ruficornis area** Pl.
- I14.
(259) 3a. **Tagiades obscurus athos** Pl.
(258) 10b. **Tagiades litigiosa litigiosa** Mosch.
- I19.
6a. **Daimio bhagava bhagava** M. (Winckworth).
- I20.
(268) 1a. **Coladenia dan dan** F.
(269) 2b. **Coladenia indrani indra** Evans.
- I21.
(274, 275) 3b. **Sarangesa dasahara davidsoni** Swin.
- I23.
(272) b. **Tapena thwaitesi hampsoni** El. and Ed.
- I25.
(273) 1. **Odontoptilum angulata sura** Fd.
- I26.
(270) 1a. **Caprona ransonnettii ransonnetti** Ed.
1b. **Caprona ransonnettii lanka** Evans.
1g. **Caprona ransonnettii taylorii** DeN.
- I27.
(255) a. **Gomalia elma albofasciata** M.
- I28.
(256) 2. **Syrictus galba** F.
- I41.
(220) 1b. **Baracus vittatus subditus** M.
(221) 2. **Baracus hampsoni** El. and Ed.
- I42.
(243) 1. **Ampittia dioscorides** F.
- I43.
(246) 9. **Aeromachus pygmaeus** F.
- I45.
(252, 253, 254) 1. **Arnetta vindhiana** M.
- I46.
(222) 2a. **Iambrix salsala luteipalpus** Plotz.
- I47.
(231) 1b. **Suastus gremius gremius** F.
(232) 3a. **Suastus rama bipunctus** Swin.
- I51.
(223) a. **Sancus pulligo subfasciatus** M.
- I57.
(267) 1. **Udaspes folus** Cr.
- I58.
(264) 4a. **Notocrypta paralysos alysia** Evans.
(265) 6. **Notocrypta curvifascia** Fd.
- I59.
(225) 1b. **Gangara thyrasis thyrasis** F.

164.
(224) 1. **Matapa aria** M.
166.
(257) 1a. **Hyarotis adrastus adrastus** Cr.
(266) 2. **Hyarotis basiflava** DeN.
183.
2. **Halpe hyrtacus** DeN. (B. M.).
(251) 15. **Halpe astigmata** Swin.
(249) 18a. **Halpe sitala sitala** DeN.
(250) 20. **Halpe honorei** DeN.
(247) 31a. **Halpe moorei moorei** Watson.
(248) 33a. **Halpe egena ceylonica** M.
187.
(242) a. **Cupitha purreea purreea** M.
188.
(245) 2b. **Taractrocera maevius sagara** M.
(244) 3a. **Taractrocera ceramas ceramas** Hew.
189.
1. **Oriens concinna** El. and Ed. (B. M., Hampson).
(241) 3a. **Oriens goioides** M.
190.
(239) 9a. **Padraona pseudomaesa pseudomaesa** M. (*syn. cato.*).
10a. **Padraona pallida pallida** Evans.
(240) **Padraona tropica diana** Evans.
15a. **Padraona palnia palnia** Evans.
(All these, from the Nilgiris, are in the British Museum.)
191.
1a. **Telicota augias augias** L. (Stokes Roberts) (= *Astycus*, Hubner, found to be preoccupied).
(237) 2a. **Telicota lanka** Evans.
197.
1b. **Baoris oceia farri** M. (Winckworth).
(226) 14b. **Baoris kumara kumara** M.
15b. **Baoris philippina belli** Nov. (Winckworth).
(227) 20. **Baoris configua** Mab.
(228) 24a. **Baoris conjuncta narooa** M.
(236) 30a. **Baoris sinensis subochracea** M.
(234) 31b. **Baoris mathias mathias** F.
(235) 31b. **Baoris agna** M.
(230) 32b. **Baoris guttatus bada** M.
33b. **Baoris zelleri cinnara** Wallace (Stokes Roberts).
(229) 34b. **Baoris bevani bevani** M.

The totals for the Nilgiri District are:—

<i>Papilionidae</i>	...	...	...	18
<i>Pieridae</i>	...	...	...	32
<i>Danaidae</i>	...	...	...	10
<i>Satyridae</i>	...	...	...	25
<i>Amathusiidae</i>	1
<i>Nymphalidae</i>	47
<i>Erycinidae</i>	3
<i>Lycaenidae</i>	80
<i>Hesperiidae</i>	66

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I have had the curiosity to compare the lists for the Nilgiri District and Coorg and to tabulate the butterflies found in the one area, but not in the other. They are as follows:—

Nilgiri District.	Coorg.
* <i>Colias hyale nilagiriensis</i> .	<i>Pathysa antiphates naira</i> .
* <i>Pieris canidia canis</i> .	<i>Parantirrhoea marshalli</i> .
<i>Mycalesis visala visala</i> .	<i>Eriboea schreiberi wardi</i> .
<i>Ypthima avanta striata</i> .	<i>Euthalia telchinia</i> .
<i>Ypthima philomela tabella</i> .	<i>Atella alcippe mercea</i> .
* <i>Argynnis hyperbius hybrida</i> .	<i>Gerydus biggsii</i> .
<i>Azanus jesous gamra</i> .	<i>Lycaenesthes emolus emolus</i> .
<i>Lycaenopsis albidisca</i> .	<i>Nacaduba pactolus continen-</i>
<i>Lycaenopsis lavendularis limbata</i> .	<i>talis</i> .
<i>Iraota timoleon arsaces</i> .	<i>Amblypodia centaurus pirama</i> .
<i>Spindasis elima elima</i> .	<i>Amblypodia bazaloides</i> .
<i>Tajuria melastigma</i> .	<i>Amblypodia abseus indicus</i> .
<i>Tajuria maculata</i> .	<i>Apharitis lilacinus</i> .
<i>Hypolycaena nilgirica</i> .	<i>Pratapa deva deva</i> (one ♀).
<i>Gomalia elma albofasciata</i> .	<i>Chliaria othona</i> .
<i>Baracus vittatus subditus</i> .	<i>Astictopterus jama mercara</i> .
	<i>Kineta microstictum</i> .
	<i>Plastingia submaculata kanara</i> .
	<i>Baoris canaraica</i> .
Total 16	Total 18

In the two lists there are only three species from the Nilgiris, viz.: those asterisked, all palaearctics, that are never likely to occur in Coorg, for the very good reason that Coorg is not sufficiently high. There are others in the Nilgiri list that are not very likely to occur in Coorg, again chiefly for the reason of insufficient altitude, though it is not impossible that they should be found on the higher hills of the western rim of Coorg: these are *Y. philomela tabella*, *L. albidisca*, *N. lavendularis limbata*, and *Baracus vittatus subditus*. *Y. chenui* and *Mycalesis adolphei*, both common in the Nilgiri District, are rare on the higher points of the Coorg Ghats. The rest in the Nilgiri list should be discoverable in Coorg: some, e.g. *Azanus jesous*, *Iraota timoleon*, *Spindasis elima*, and *Gomalia elma* are all found on the Mysore plateau, which extends its forest into eastern and southern Coorg. The two *Tajuria* and *Hypolycaena nilgirica* will, if found, I think be found in the wet forest of the Ghats.

Of the list of species found in Coorg, but not so far in the Nilgiri District, there is none that may not turn up in the Nilgiris, if the artificial boundaries of the District are overleapt and the natural region, including the densely forested western and south-western slopes of the hills, be searched. Hampson confined himself, it would seem, to the Nilgiri District, the boundary of which, above the forests of Nilambur, runs along the hill tops, and does not include that long spur, called the Camel's Hump on the maps, which runs south between Vayittri and Nilambur. Again, while the District includes the eastern part of the Wynaad, the natural

region would take in the western part including the Vayittri Ghat to Calicut. This arbitrary exclusion of large parts of the natural area probably accounts for the absence of many, if not most, of the species in this exclusive Coorg list. It may be observed that the Coorg boundary on the west and south-west runs along the foot of the hills and so takes in the forest where most of the rare species are to be found. I may particularise *Amblypodia bazaloides*, *Amblypodia abseus indicus*, *Gerydus biggsii*, *Kineta microstictum*, as examples of wet forest specimens. *Astictopterus jama mercara* was taken by Col. Winckworth on the Vayittri Ghat: and Col. Fraser and Col. Winckworth took also *Parantirrhoea marshalli* there. *Pathysa antiphates naira*, not recorded from the Nilgiri District, will probably be found within the natural area of the Nilgiris.